2022-23

PROJECT MANAGEMENT CONSULTANCY REPORT

Name of the Client: Executive Engineer, (Electrical) Rajarajeshwari Nagar Zone, BBMP, Bangalore.

Agency: M/s. Kumar Electricals, Contractor, Bangalore.

Name of the Work: Providing LED Street Lights Fittings with connected accessories in ward no. 16, 17, and 37 and releasing of sodium vapour lights from ward no. 16, 17,37 and refixing at ward no.73 and 129 under RR Nagar Zone, BBMP, Bangalore.

Quality

M/s. CIVIL QUALITY CONSULTANTS& ENGINEERS

(Buildings Geo-Tech &Road Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited as per ISO-17025: 2017 Laboratory

#133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore-560056
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CIVIL QUALITY CONSULTANTS & ENGINEERS
ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Name of Work : Providing LED Street Lights Fittings with connected accessories in ward no. 16, 17, and 37 and releasing of sodium vapour lights from ward no. 16, 17,37 and refixing at ward no.73 and 129 under RR Nagar Zone, BBMP, Bangalore.

Name of Client	:	**Executive Engineer,** (Electrical) Rajarajeshwari Nagar Zone, BBMP, Bangalore.
Contractor/Agency	:	**M/s. Kumar Electricals,** Contractor, Bangalore.
Total Cost	:	Rs. 195.81 Lakhs
Date of Inspection	:	15.06.2022
Work Order Number	:	EE/ELE/RRN/Work order/32/22-23
Status of Bill	:	1st and Part Bill
In the Presence of	:	(a) **Assistant Engineer (W.No.16,17 and 37),** BBMP, Bangalore.
	:	(b) Mr. S M Sathya Narayana, (Electrical Engineer)
	:	M/S Civil Quality Consultants and Engineers, Bangalore

AEE(Ele)/AE(Ele) 9da MCa

Sl.No	Description of the Item		Comments / observations
1	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp	:	Work done up to the billed quantity and Quality is satisfactory
2	LED Streetlight 90 Watts	:	Work done up to the billed quantity and Quality is satisfactory
3	LED Streetlight 120 Watts	:	Work done up to the billed quantity and Quality is satisfactory

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Sl.No	Description of the Item		Comments / observations
4	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp	:	Work done up to the billed quantity and Quality is satisfactory
5	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring	:	Work done up to the billed quantity and Quality is satisfactory
6	Supplying and Fixing.....mm dia class A GI pipe bracket up to 2.7 meters long terminated with a reducing collar of 40x25mm to which	:	Work done up to the billed quantity and Quality is satisfactory
7	Fabricating, supplying and erecting swaged tubular pole of height …Mtr having three sections, and providing two coats of red oxide	:	Work done up to the billed quantity and Quality is satisfactory
8	Supplying and fixing telescopic M.S. bracket fabricated by using 0.5m length 4" dia telescopic M. S. pipe, with 2" dia 1.5m long M.	:	Work done up to the billed quantity and Quality is satisfactory
9	Double bracket 2x1.5 Mtr length	:	Work done up to the billed quantity and Quality is satisfactory
10	Wiring for lighting/power circuit using one of PVC insulated 1100V grade, stranded Aluminium wire single core in open or	:	Work done up to the billed quantity and Quality is satisfactory
11	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-	:	Work done up to the billed quantity and Quality is satisfactory
12	4 core 16 sqmm	:	Work done up to the billed quantity and Quality is satisfactory
13	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. On wall	:	Work done up to the billed quantity and Quality is satisfactory
14	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.	:	Work done up to the billed quantity and Quality is satisfactory
15	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.In soil	:	Work done up to the billed quantity and Quality is satisfactory

Sl.No	Description of the Item		Comments / observations
16	Supplying and fixing of solar lux level street light control switch single phase including suitable capacity contactor. 5KW	:	Work done up to the billed quantity and Quality is satisfactory
17	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve,	:	Work done up to the billed quantity and Quality is satisfactory
18	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate	:	Work done up to the billed quantity and Quality is satisfactory
19	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts,	:	Work done up to the billed quantity and Quality is satisfactory
20	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat … with bolts, washers etc., and painted with 2	:	Work done up to the billed quantity and Quality is satisfactory
21	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminium strips covered with heat shrinkable	:	Work done up to the billed quantity and Quality is satisfactory
22	Supplying and fixing hylum plastic sheet 3mm thick with necessary nitches for fixing switches, regulators etc., and fixing on	:	Work done up to the billed quantity and Quality is satisfactory
23	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 25 sqmm Long Barrel	:	Work done up to the billed quantity and Quality is satisfactory
24	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance	:	Work done up to the billed quantity and Quality is satisfactory
25	Supplying & Fixing of 250W/400W High Pressure Sodium Vapour tubular Lamp with Xenon filled gas with luminous efficiency of	:	Work done up to the billed quantity and Quality is satisfactory
26	Supplying and stringing of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded	:	Work done up to the billed quantity and Quality is satisfactory
27	Supplying and fixing pole clamp for LT AB Cable	:	Work done up to the billed quantity and Quality is satisfactory

Sl.No	Description of the Item		Comments / observations
28	Suspension Clamp Assembly 16 to 70 mm (Excluding pole clamp & Eye Hook) (material cost + labour charges)	:	Work done up to the billed quantity and Quality is satisfactory
29	Dead End Clamp/Anchor Clamp Assembly 25 to 95 Sqmm (excluding pole clamps and Eye hook) (material cost + labour charges)	:	Work done up to the billed quantity and Quality is satisfactory
30	Universal Hook, Bolts & nuts including fixing charges (material cost + labour charges)	:	Work done up to the billed quantity and Quality is satisfactory
31	Piercing connector suitable for 16 Sqmm - 95 Sqmm AB Cable - Street Light Connections including fixing charges (material cost +	:	Work done up to the billed quantity and Quality is satisfactory
32	Supply and erection of ……Mtr PCC Pole including earth work etc,. complete as per the standard technical specification of BESCOM	:	Work done up to the billed quantity and Quality is satisfactory
33	Supply and erection of ……Mtr RCC Pole including earth work etc,. complete as per the standard technical specification of BESCOM.	:	Work done up to the billed quantity and Quality is satisfactory
34	Supply and fixing of …….cross arm including all Hardware's complete as per the standard technical specification of BESCOM. 2 Pin	:	Work done up to the billed quantity and Quality is satisfactory
35	Supplying and Fixing ….. including all Hardware's etc. complete as per the standard technical specification of BESCOM. RCC	:	Work done up to the billed quantity and Quality is satisfactory
36	PCC Clamp	:	Work done up to the billed quantity and Quality is satisfactory
37	Releasing and refixing of sodium vapour/ metal halide/ LED street light/ Flood light fittings over the existing pole/ wall/ ceiling	:	Work done up to the billed quantity and Quality is satisfactory

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

2022-23

THIRD PARTY INSPECTION REPORT

Name of the Client : **Executive Engineer,** (Electrical) Rajarajeshwari Nagar Zone, BBMP, Bangalore.

Name of Agency : M/s. Kumar Electricals, Contractor, Bangalore.

Name of the Work : Providing LED Street Lights Fittings with connected accessories in ward no. 16, 17, and 37 and releasing of sodium vapour lights from ward no. 16, 17,37 and refixing at ward no.73 and 129 under RR Nagar Zone, BBMP, Bangalore.

THIRD PARTY INSPECTION CONSULTANTS

CIVIL QUALITY CONSULTANTS AND ENGINEERS

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"TheRoadtoSuccessisalwaysunderConstruction"

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

NO: CQCE/3rd Party/Rajarajeshwari Nagar Zone/27/ 2022-23

Date: 15.06.2022

To,
Executive Engineer,
Electrical – Rajarajeshwari Nagar Zone
BBMP, Bangalore.

Sir

Sub:- Submission of 3rd Party Report for the work of Providing LED Street Lights Fittings with connected accessories in ward no. 16, 17, and 37 and releasing of sodium vapour lights from ward no. 16, 17,37 and refixing at ward no.73 and 129 under RR Nagar Zone, BBMP, Bangalore.....reg.

Ref:- (i)**Job code No.** 016-22-000003
(ii)Agg No: EE/ELE/RRN/Work order/32/22-23 Dated: 12.05.2022

Adverting to the above, we would like to submit the 3rd Party Inspection Report for the above said work in Electrical – **Rajarajeshwari Nagar Zone** along with Assistant Executive Engineer, Electrical **Rajarajeshwari Nagar Zone**), and Mr. S M Sathya Narayana, (Electrtical Engineer, 3rd Party Consultants), Bangalore on 15.06.2022

The following works inspected the details of works inspected is as follows,

Sl no	Name of the work	Amount of estimate Rs in Lakhs.	Remarks
1	Providing LED Street Lights Fittings with connected accessories in ward no. 16, 17, and 37 and releasing of sodium vapour lights from ward no. 16, 17,37 and refixing at ward no.73 and 129 under RR Nagar Zone, BBMP, Bangalore.	Rs. 325.00 Lakhs (1st and Part bill)	Work carried out satisfactorily Details mentioned in 3rd party compliance report

For details of works and measurements checked during the inspection time in the presence if the officials /officers afore said.

This is for favor of kind information and needful in the matter.

Enclosures: 3rd part Inspection report
Thanking you

AEE(ELE)/AEE(ELE)
For M/s.

yours faithfully

Authorized signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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